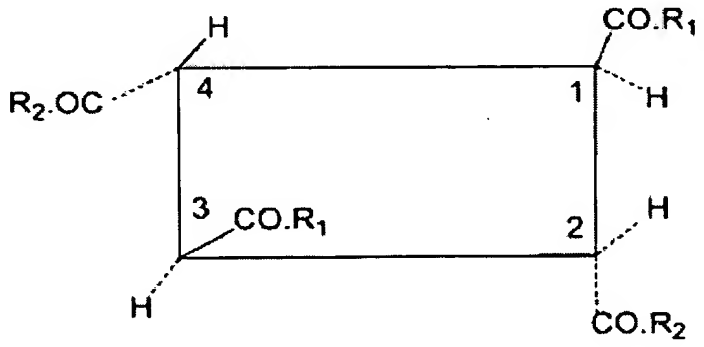
AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

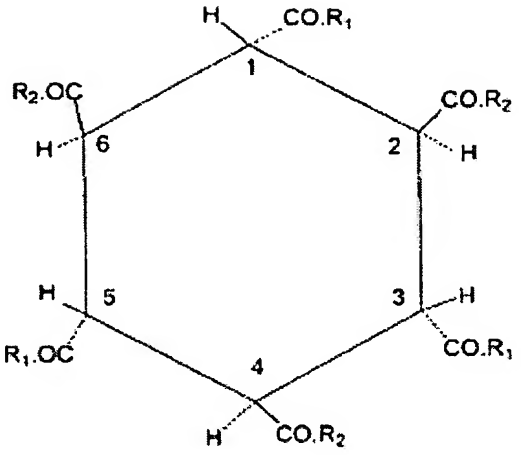
1.-12. (Canceled)

13. (Previously presented) A pharmaceutical preparation according to claim 20 wherein the carbonyl groups carrying the radicals R_1 and R_2 are arranged as substituents in the trans position to each adjacent substituent.

14. (Previously presented) A pharmaceutical preparation according to claim 20 wherein the oligomer of formula (I) is represented by formula (II)

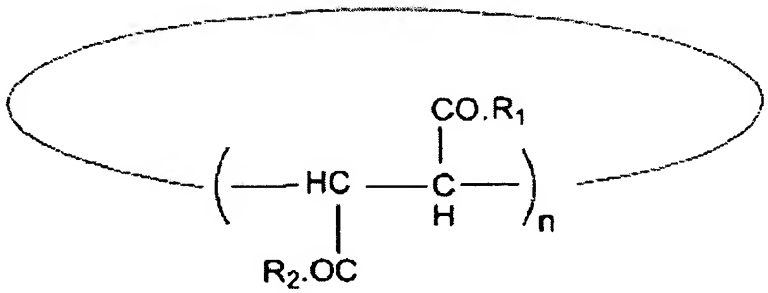


15. (Previously presented) A pharmaceutical preparation according to claim 20 wherein the oligomer of formula (I) is represented by formula (III)



16.-19. (Canceled)

20. (Currently Amended) A pharmaceutical preparation comprising an oligomer of formula (I)



wherein

n is 2 or 3, R_1 is hydroxyl, R_2 is an alcohol radical ($-OR_5$), and R_5 is a C_{1-24} alkyl radical; or

n is 3, R_1 is hydroxyl, R_2 is an amine radical ($-NR_3R_4$) wherein R_3 and R_4 are the same or different and are independently chosen from hydrogen, C_{1-24} alkyl radicals, a phenyl radical and C_{6-10} aralkyl radicals; or

n is 2 or 3, R_1 and R_2 are independently chosen from amine radicals ($-NR_3R_4$) wherein R_3 and R_4 are the same or different and are independently chosen from hydrogen, C_{1-24} alkyl radicals, a phenyl radical and C_{6-10} aralkyl radicals; or

n is 2 or 3, R_1 is an alcohol radical ($-OR_5$), R_5 is a C_{1-24} alkyl radical, and R_2 is an amine radical ($-NR_3R_4$) wherein R_3 and R_4 are the same or different and are independently chosen from hydrogen, C_{1-24} alkyl radicals, a phenyl radical and C_{6-10} aralkyl radicals, or

n is 2 or 3, R_1 and R_2 are independently chosen from alcohol radicals ($-OR_5$), wherein R_5 is a C_{1-24} alkyl radical and wherein R_1 and R_2 are different

~~wherein the radicals R_1 and R_2 are the same or different and each occurrence of radicals R_1 and R_2 is independently chosen from amine radicals ($-NR_3R_4$), amino acid radicals ($-NH-CH(COOH)-R_6$), peptide radicals having from 2 to 100 amino acids, alcohol radicals ($-OR_5$) and a hydroxyl radical,~~

~~n is an integer from 2 to 10,~~

~~the radicals R_3 and R_4 are the same or different and are independently chosen from hydrogen, C_{1-24} alkyl radicals, a phenyl radical and C_{6-10} aralkyl radicals,~~

~~the radical R_5 is chosen from hydrogen, C_{1-24} alkyl radicals, a phenyl radical and C_{6-10} aralkyl radicals,~~

~~and the radical R_6 represents the side chain of a natural or synthetic amino acid,~~

and at least one excipient.

21. (Original) A pharmaceutical preparation according to claim 20, said pharmaceutical preparation being available in a form suitable for oral, rectal, transdermal, dermal, ophthalmological, nasal, pulmonary or parenteral application.

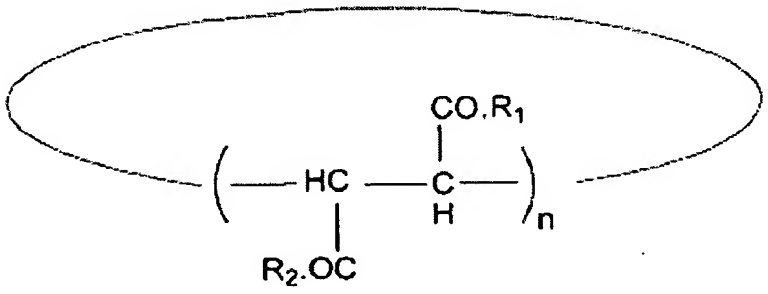
22. (Previously presented) A pharmaceutical preparation according to claim 20, said pharmaceutical preparation being present in the form of tablets, coated tablets, capsules, granulate, solutions for drinking, liposomes, nano-particles, nano-capsules, micro-capsules, micro-tablets, pellets, powders, granulate filled in capsules, micro-tablets filled in capsules, pellets filled in capsules, nano-particles filled in capsules or powder filled in capsules.

23. (Previously presented) A pharmaceutical preparation according to claim 22, said pharmaceutical preparation being present in the form of nano-particles, micro-pellets or micro-tablets.

24. (Previously presented) A pharmaceutical preparation according to claim 22 wherein the solid oral dosage forms further comprise an enteric coating.

25. (Previously presented) A pharmaceutical preparation according to any of the claims 20 to 24 which contains an amount of an oligomer corresponding to 10 to 500 mg of fumaric acid.

26. (Currently Amended) A method for preparing a pharmaceutical preparation comprising admixing an oligomer of formula (I)



wherein

n is 2 or 3, R_1 is hydroxyl, R_2 is an alcohol radical ($-OR_5$), and R_5 is a C_{1-24} alkyl radical; or

n is 3, R_1 is hydroxyl, R_2 is an amine radical ($-NR_3R_4$) wherein R_3 and R_4 are the same or different and are independently chosen from hydrogen, C_{1-24} alkyl radicals, a phenyl radical and C_{6-10} aralkyl radicals; or

n is 2 or 3, R_1 and R_2 are independently chosen from amine radicals ($-NR_3R_4$) wherein R_3 and R_4 are the same or different and are independently chosen from hydrogen, C_{1-24} alkyl radicals, a phenyl radical and C_{6-10} aralkyl radicals; or

n is 2 or 3, R_1 is an alcohol radical ($-OR_5$), R_5 is a C_{1-24} alkyl radical, and R_2 is an amine radical ($-NR_3R_4$) wherein R_3 and R_4 are the same or different and are independently chosen from hydrogen, C_{1-24} alkyl radicals, a phenyl radical and C_{6-10} aralkyl radicals, or

n is 2 or 3, R_1 and R_2 are independently chosen from alcohol radicals ($-OR_5$), wherein R_5 is a C_{1-24} alkyl radical and wherein R_1 and R_2 are different

~~wherein the radicals R_1 and R_2 are the same or different and each occurrence of radicals R_1 and R_2 is independently chosen from amine radicals ($-NR_3R_4$), amino acid radicals ($-NH-CH(COOH)-R_6$), peptide radicals having from 2 to 100 amino acids, alcohol radicals ($-OR_5$)) and a hydroxyl radical,~~

~~n is an integer from 2 to 10,~~

~~the radicals R_3 and R_4 are the same or different and are independently chosen from hydrogen, C_{1-24} alkyl radicals, a phenyl radical and C_{6-10} aralkyl radicals,~~

~~the radical R_5 is chosen from hydrogen, C_{1-24} alkyl radicals, a phenyl radical and C_{6-10} aralkyl radicals,~~

~~and the radical R_6 represents the side chain of a natural or synthetic amino acid,~~

with at least one excipient.

27-29. (Canceled)

30. (Previously presented) A pharmaceutical preparation according to claim 23, wherein said nano-particles, micro-pellets or micro-tablets are filled in sachets or capsules.

31. (Previously presented) A method for preparing a pharmaceutical preparation according to claim 26 further comprising subjecting the admixture to tabletting, direct compression, melt methods, or spray drying to form tablets, granulates, nano-particles, nano-capsules, micro-capsules, micro-tablets, pellets, or powders.

32. (Previously presented) A method for preparing a pharmaceutical preparation according to claim 31, wherein said tablets, granulates, nano-particles, nano-capsules, micro-capsules, micro-tablets, pellets, or powders are enterically coated.

33. (Previously presented) A method for preparing a pharmaceutical preparation according to claim 31, wherein said nano-particles, nano-capsules, micro-capsules, micro-tablets, pellets, or powders are put into capsules.

34. (Currently Amended) A pharmaceutical preparation according to claim 20, wherein n is 2 or 3, R_1 is hydroxyl ~~hydrogen~~, R_2 is an alcohol radical ($-OR_5$), and R_5 is a C_{1-24} alkyl radical.

35. (Currently Amended) A pharmaceutical preparation according to claim 20, wherein n is 3, R_1 is hydroxyl ~~hydrogen~~, R_2 is an amine radical ($-NR_3R_4$).

36. (Previously presented) A pharmaceutical preparation according to claim 20, wherein n is 2 or 3, R_1 and R_2 are independently chosen from amine radicals ($-NR_3R_4$).

37. (Previously presented) A pharmaceutical preparation according to claim 20, wherein n is 2 or 3, R_1 is an alcohol radical ($-OR_5$), R_5 is a C_{1-24} alkyl radical, and R_2 is an amine radical ($-NR_3R_4$).